

REMARKS

The above Amendments and these Remarks are in reply to the Office Action mailed June 9, 2004. With the withdrawal of Claims 11-26 and 34-37, and the addition of Claim 38, Claims 1-10, 27-33 and 38 are presented herewith.

Objection to the Drawings

The drawings have been objected to for including informalities. A new drawing set is provided herewith and it is respectfully requested that the objection to the drawings be withdrawn.

Objection to the Disclosure

The disclosure has been objected to for failing to properly set forth the "CROSS-REFERENCE TO RELATED APPLICATIONS" section. Applicants have amended the specification to address this objection and it is respectfully requested that this objection be withdrawn.

Objection to the Title

The title has been objected to as not being descriptive. Applicants respectfully traverse this objection. Applicants respectfully submit that each of the terms in the title are clear, concise and directly describe the invention. The only term in the title which may not have a self-evident meaning is the term "personal information space." However, the specification clearly describes the personal information space:

The personal information space, as used herein, is defined as an individual's user-defined set of information which is uniquely identified with that individual, and which is capable of being stored on one or more systems or devices having any mechanism for storing that information. Optimally, the systems are network-coupled devices which can communicate with each other directly or indirectly. (Specification, page 10, line 22 – page 11, line 5).

Thus, it is respectfully submitted that the title of the invention is clear and descriptive and it is respectfully requested that the objection on these grounds be withdrawn.

Rejection of Claims 4 and 6 Under 35 USC 112, Second Paragraph

Claims 4 and 6 are rejected under 35 USC 112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 4 was rejected as reciting the limitation “said automotive computer.” Claim 4 has been amended to depend on new Claim 38, which provides antecedent basis for “said automotive computer.”

Claim 6 was rejected as reciting the limitation “the digital media.” This limitation has been amended to read “media data,” for which antecedent basis is provided in Claim 1.

Based on these amendments, it is respectfully requested that the rejection of Claims 4 and 6 on Section 112 grounds be withdrawn.

Rejection of Claims 1-10 and 27-33 Under 35 USC §102(e)

Turning now to the prior art rejection, Claims 1-10 and 27-33 have been rejected under 35 USC §102(e) as being anticipated by U.S. Patent Application No. US 2003/0069874 to Hertzog et al. (“Hertzog”). Applicants reply as follows.

Claims 1-10

Applicants respectfully traverse the rejection with respect to Claims 1-10. Independent Claim 1 recites in part “transferring at least a portion of the media ... *in a differencing transaction* ...” (emphasis added.) Applicants respectfully submit that Hertzog has no disclosure, teaching or suggestion of a differencing transaction as called for in each of Claims 1-10.

Hertzog discloses a client services module 26 including a synchronization engine 28. The synchronization engine is a conventional sync engine and no details are provided regarding the mechanism of the synchronization. By contrast, the present invention discloses a system where synchronization is accomplished by only transmitting difference information in a differencing transaction. As set forth in the application starting at page 25, line 17:

The generic output of the application object is provided to a delta module 550. Delta module 550 is a differencing engine which calculates differences in data between the output of the application object 510 and the copy of the data which is provided in an application object store (AOS) 520....

Hence, during a sync or transfer, the Application Object will, using a mechanism discussed below, extract the data of each application in the device and convert it to a universal data format. The delta module will then generate a difference set by comparing the output of the Application Object and the AOS. This difference information is forwarded to the encryption and compression routines for output to the storage server 550 in the form of a data package.

A synchronization system including a differencing scheme as described above and recited in Claims 1-10 is nowhere disclosed, taught or in any way suggested in the cited reference. Based on the above, it is respectfully submitted that Claims 1-10 are patentable over the cited reference and it is respectfully requested that the rejection of Claims 1-10 on the stated grounds be withdrawn.

Claims 27-33

Independent Claim 27 as amended recites in part, “a device engine... including an application object for mapping the digital media into a temporary data structure.” Hertzog has no disclosure, teaching or any suggestion of an application object as part of the sync system for mapping digital media into a temporary data structure. By contrast, the present application sets forth that the digital media is mapped into a temporary, “universal” data structure that is not dedicated to a particular proprietary application. The application sets forth starting at page 24, line 8:

As shown in Figure 5, each device engine 324 includes an application object 510. The application object is specific to each particular software application 810 running on the network-coupled device, and provides a standard interface between the device engine and the balance of the data transmission system of the invention, and the application 810... The job of the application object is to map data from the application into a temporary or “universal” data structure by connecting to the application via any number of standard interfaces to gain access to the applications data. The data structure of the application object puts the data

in a generic or "universal data" format which may be used by the device engine components to generate data packages for provision to the storage server.

As indicated above, an application object as described and claimed in nowhere disclosed, taught or suggested in the cited reference. It is therefore respectfully requested that the rejection of Claims 27-33 be withdrawn.

Based on the above amendments and these remarks, reconsideration of Claims 11-26 and 34-37, and consideration of Claim 38, is respectfully requested.

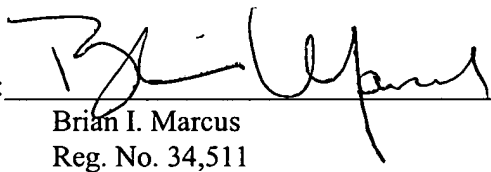
The Examiner's prompt attention to this matter is greatly appreciated. Should further questions remain, the Examiner is invited to contact the undersigned attorney by telephone.

Enclosed is a PETITION FOR EXTENSION OF TIME UNDER 37 C.F.R. § 1.136 for extending the time to respond up to and including today, November 9, 2004.

The Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 501826 for any matter in connection with this response, including any fee for extension of time, which may be required..

Respectfully submitted,

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